

**REMARKS**

Upon review of the allowed claims, Applicants note that claims 2 and 11 have obvious and minor grammatical errors. Claim 2 has been amended to recite "a third step for inputting a third axial displacement signal acquired by *adding* the first and second axial displacement signals to the frequency arithmetic unit." (emphasis added). Similarly, claim 11 has been amended to recite "means for inputting a third axial displacement signal acquired by *adding* the first and second axial displacement signals to the frequency arithmetic unit." (emphasis added). Specifically, the original word 'tinging' has been changed to 'adding.' These changes are consistent with the language of claim 1. For example, claim 1 properly recites "a third step for inputting a third axial displacement signal acquired by adding the first and second axial displacement signals to the frequency arithmetic unit." The errors in claims 2 and 11 are obvious and minor typographical errors that do not add new matter or require re-examination. The Examiner and Director's approval is respectfully solicited.

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Respectfully submitted,

By 

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